

## A B S T R A C T

The invention proposes a form of video source coding that is particularly suitable for transmission over a channel at a low bit rate and with a high error rate, such as a wireless transmission channel. It proposes to use block coding with motion prediction and employing a plurality of reference pictures. The reference pictures are subjected to block effect filtering. A reference picture is selected when coding a picture. By using a plurality of reference pictures, the invention limits transmission channel time propagation errors. Because the reference pictures are subjected to block effect filtering, transmission timing errors are corrected independently of intrinsic errors caused by block coding.

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